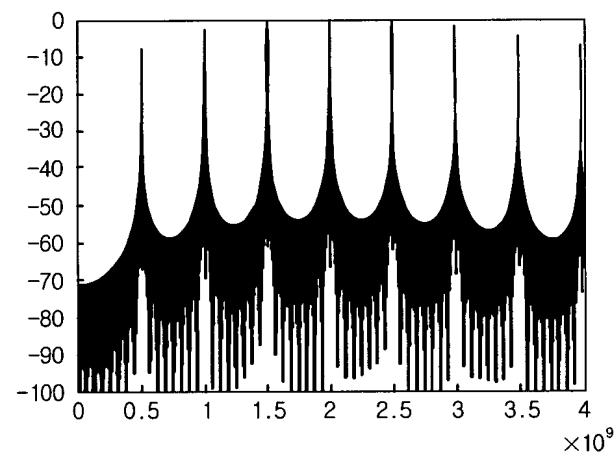


FIG. 1 (PRIOR ART)

(a)



(b)



(c)

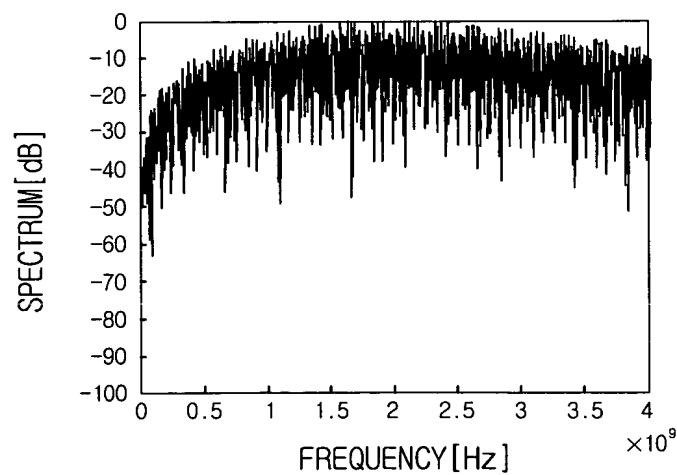


FIG. 2 (PRIOR ART)

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NONCOHERENT PULSE POSITION AND PHASE
SHIFT KEYING TRANSMISSION/RECEPTION.....
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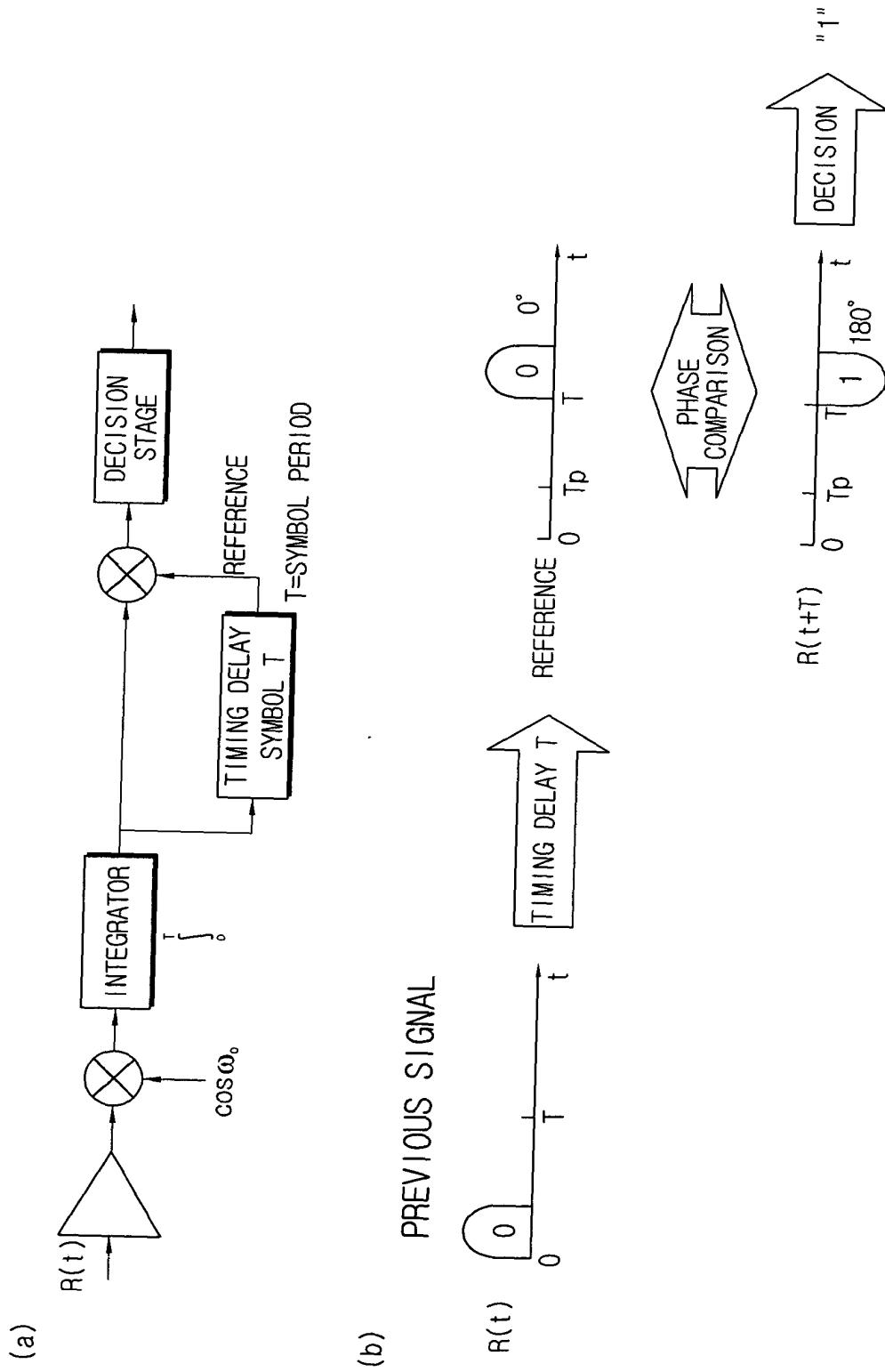


FIG. 3A

100

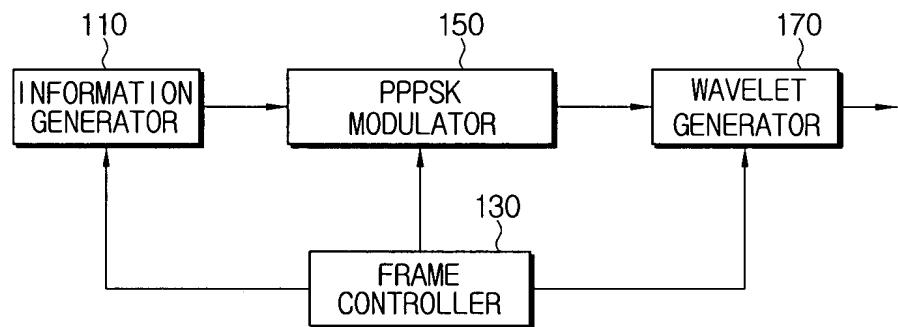


FIG. 3B

300

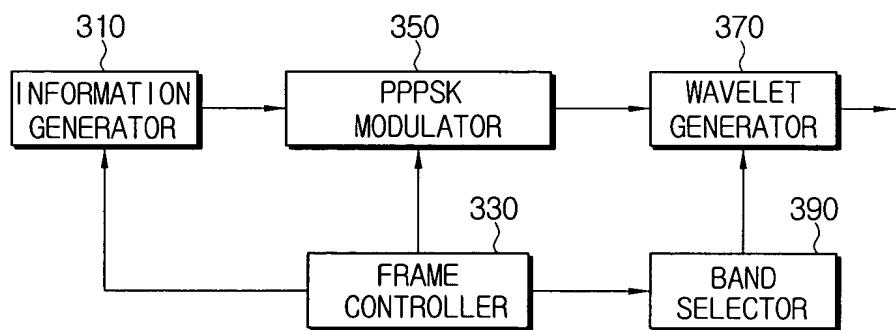


FIG. 4A

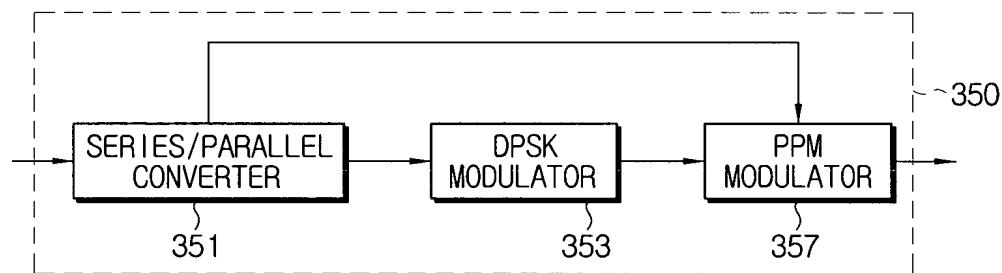


FIG. 4B

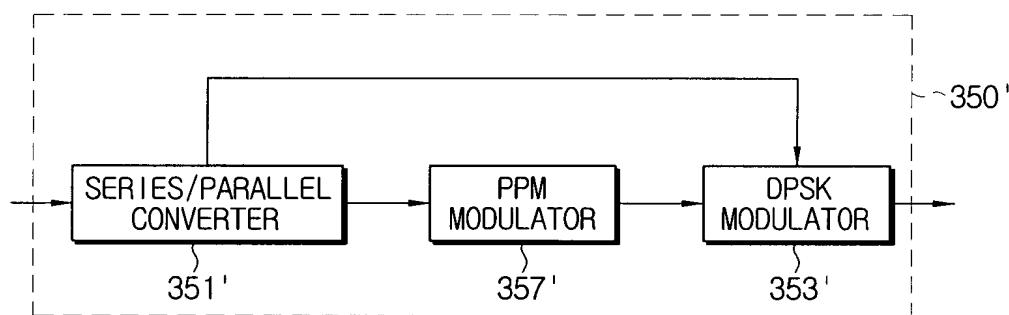


FIG. 4C

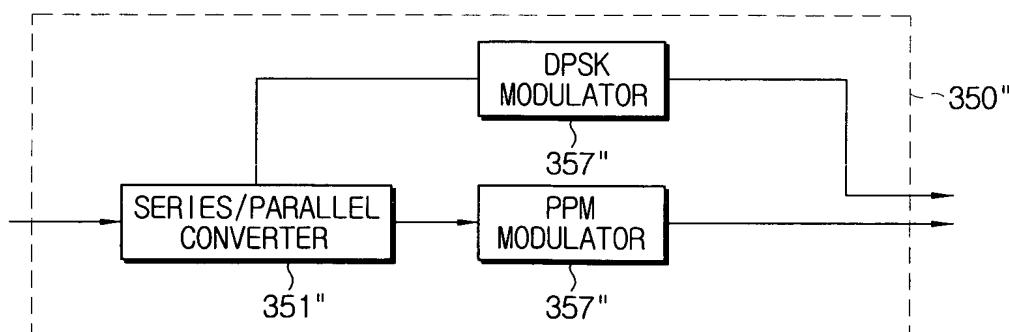


FIG. 5

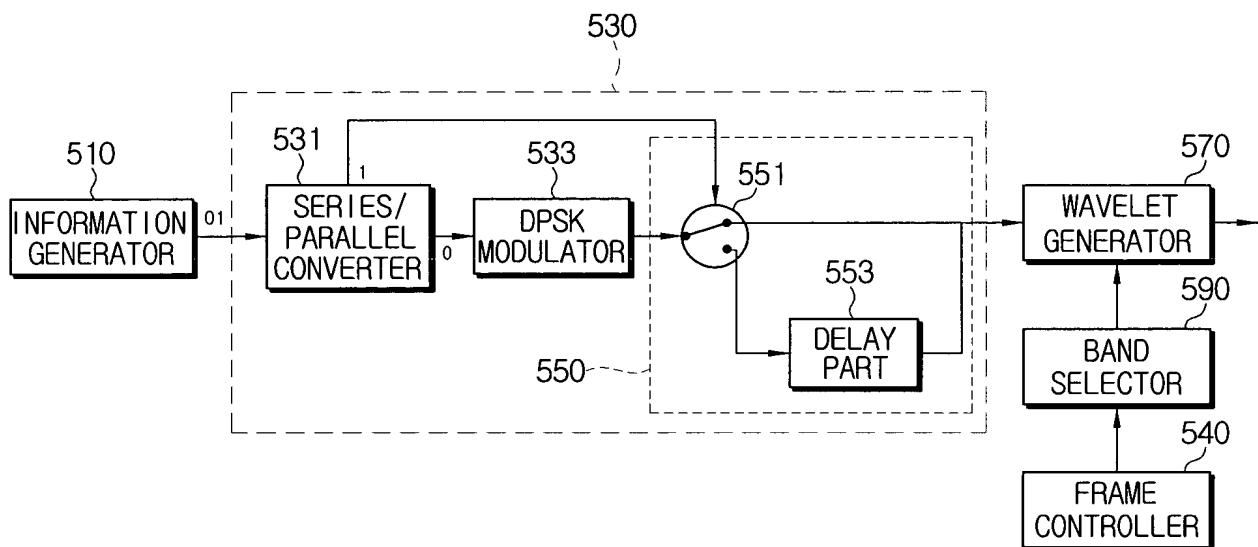


FIG. 6

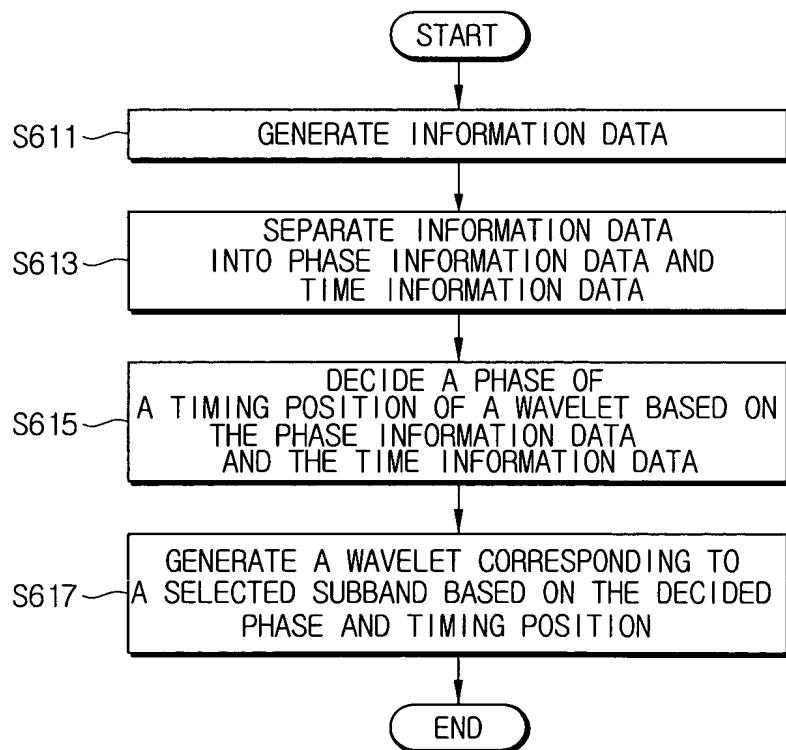


FIG. 7

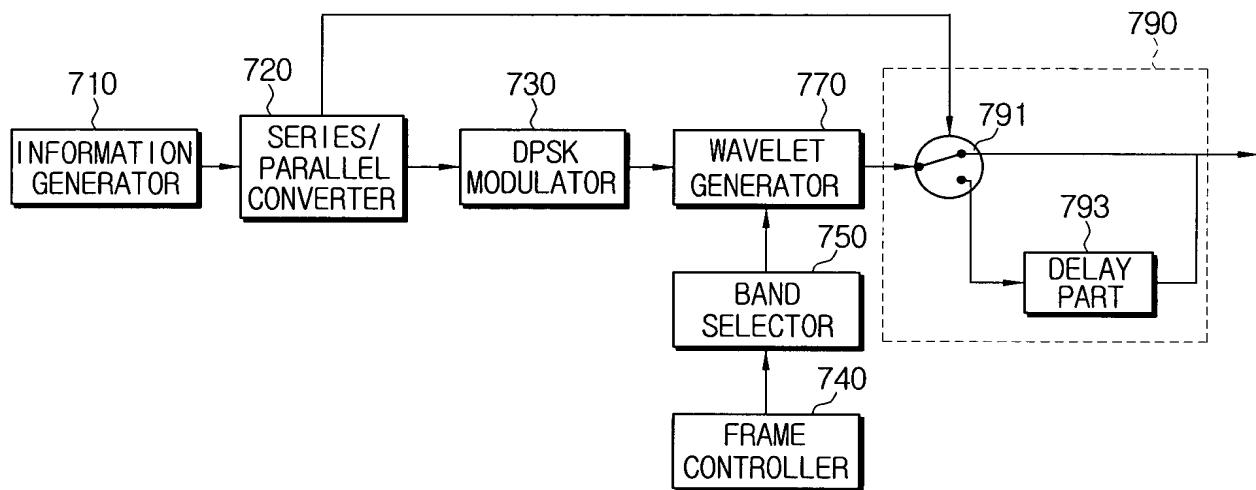


FIG. 8

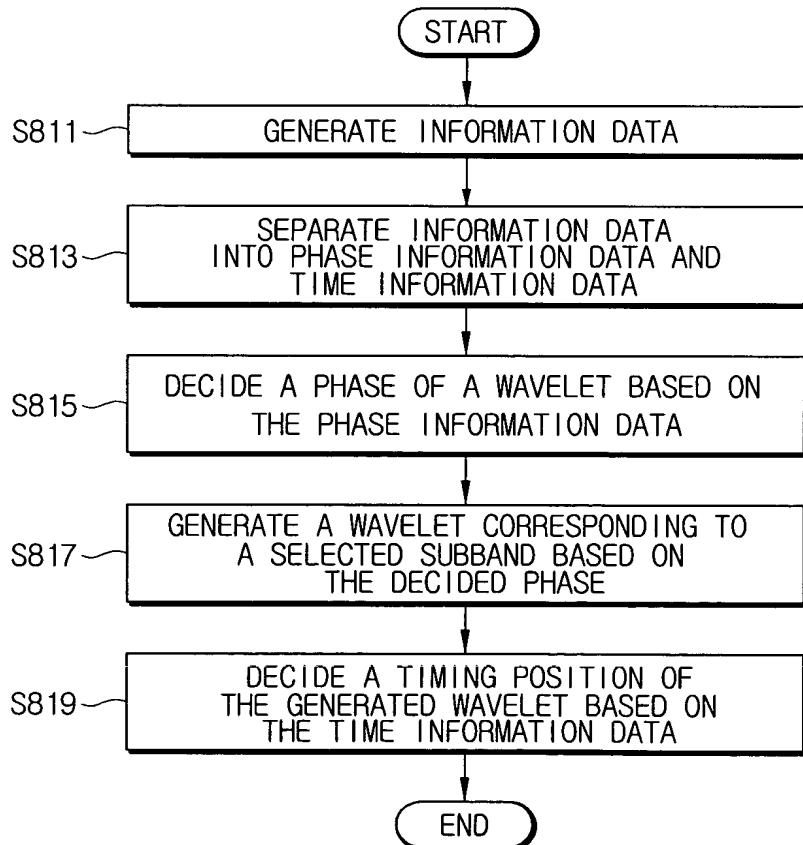


FIG. 9A

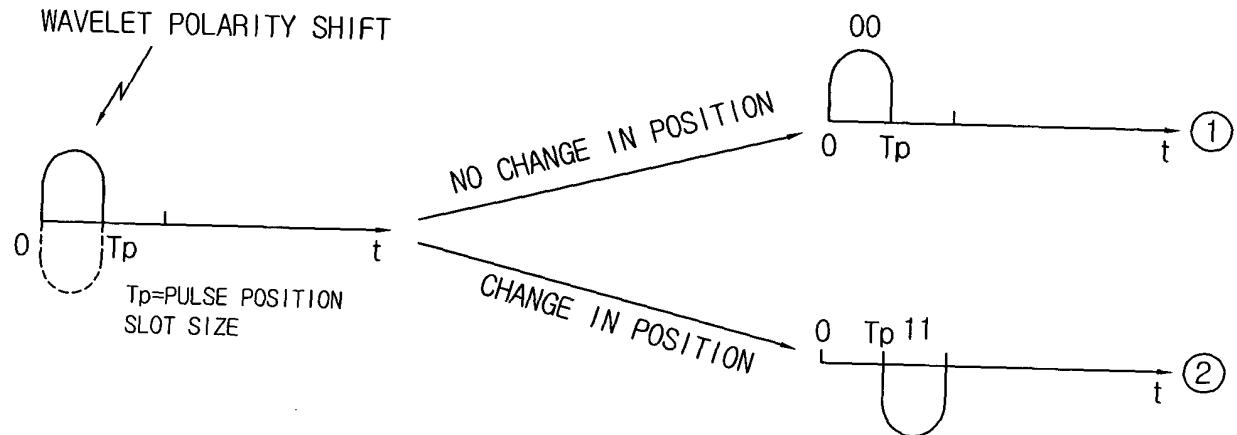


FIG. 9B

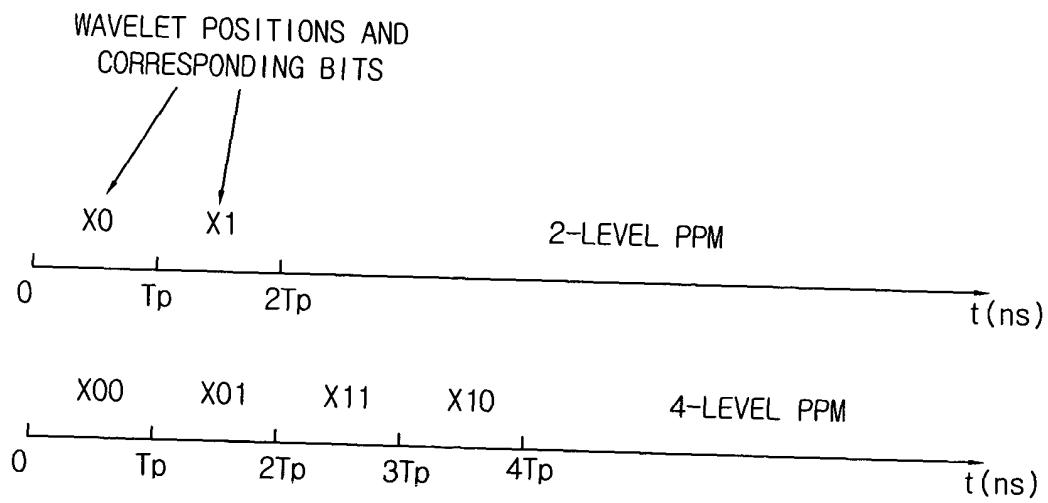
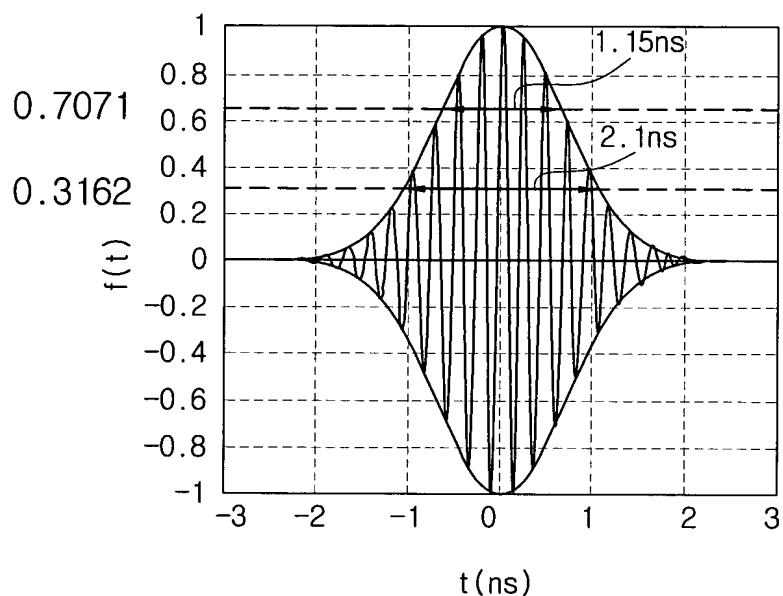


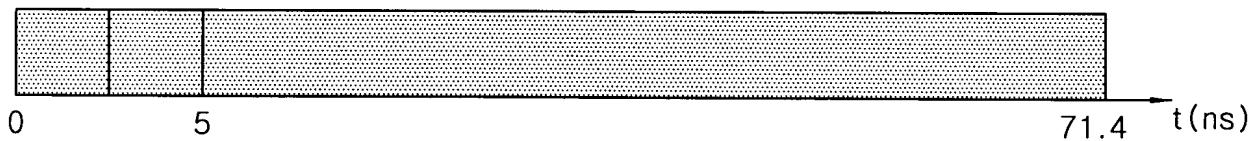
FIG. 9C



WAVELET IN TIME DOMAIN

FIG. 9D

TWO TIME SLOTS OF
2.5ns DURATION 66.4ns OF GUARD TIME FOR MULTI-PATH IMMUNITY



BINARY PPM-APPLIED TIME FRAME STRUCTURE

FIG. 10A

200

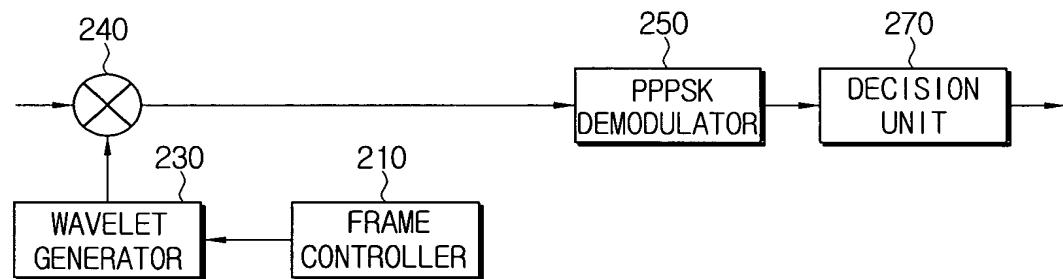


FIG. 10B

800

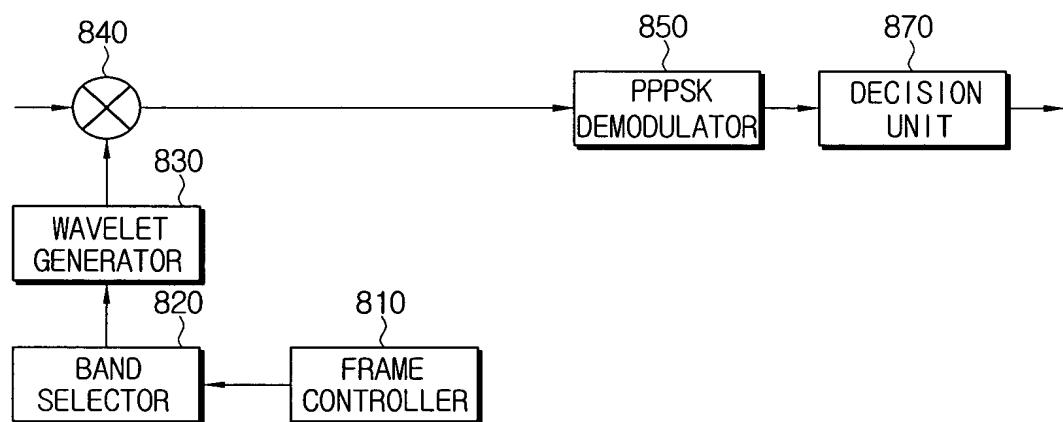


FIG. 11

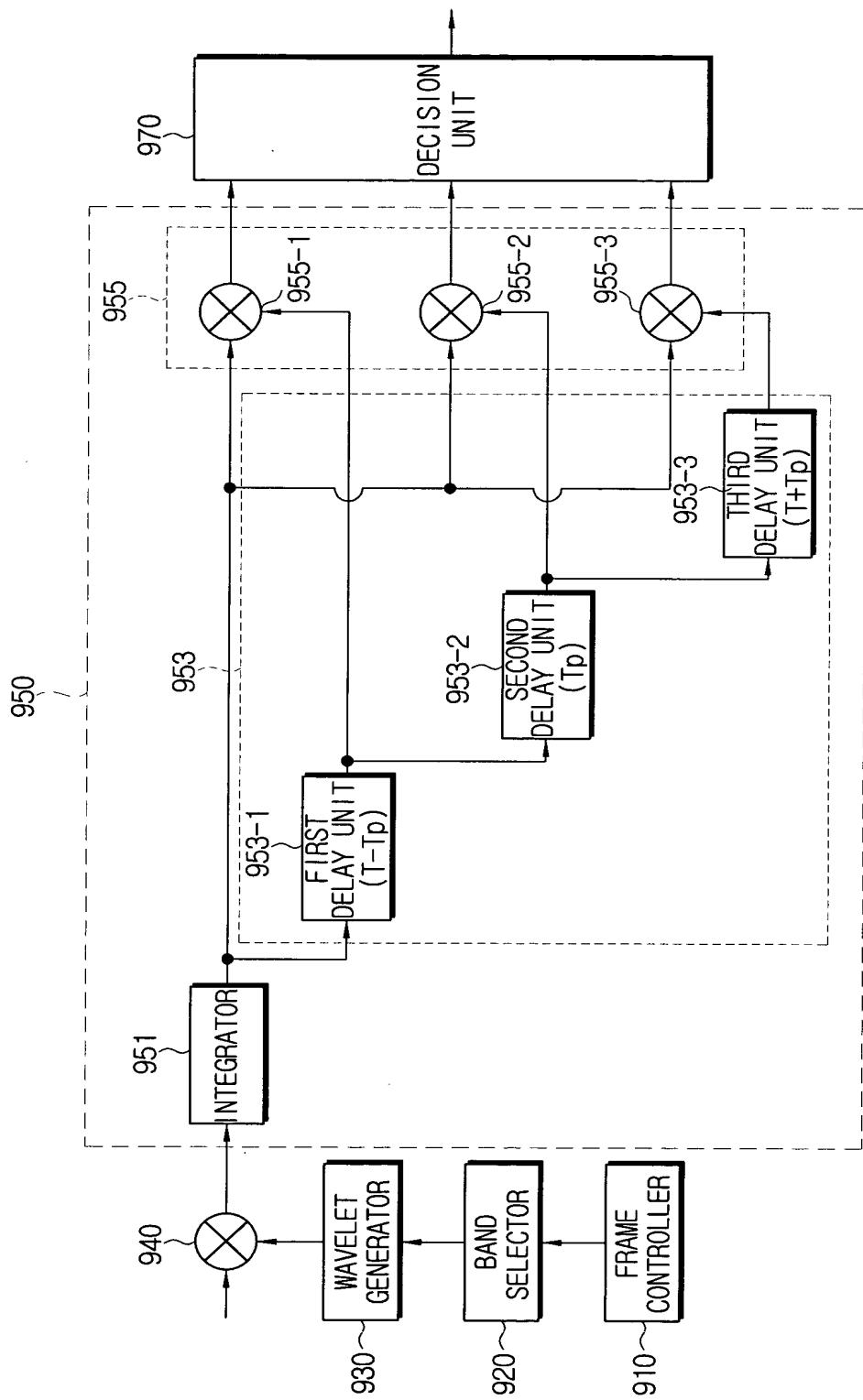


FIG. 12

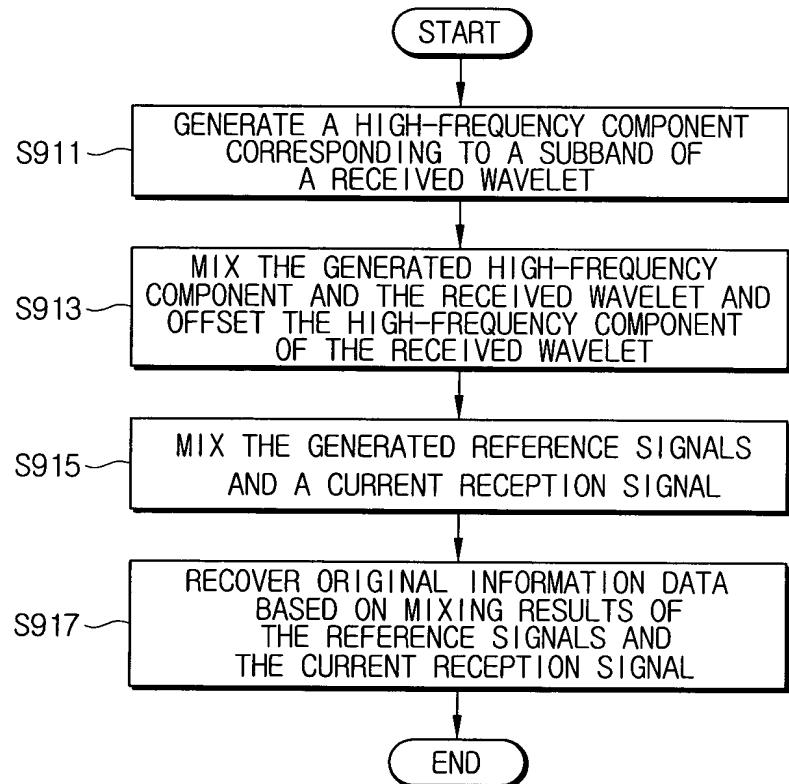


FIG. 13

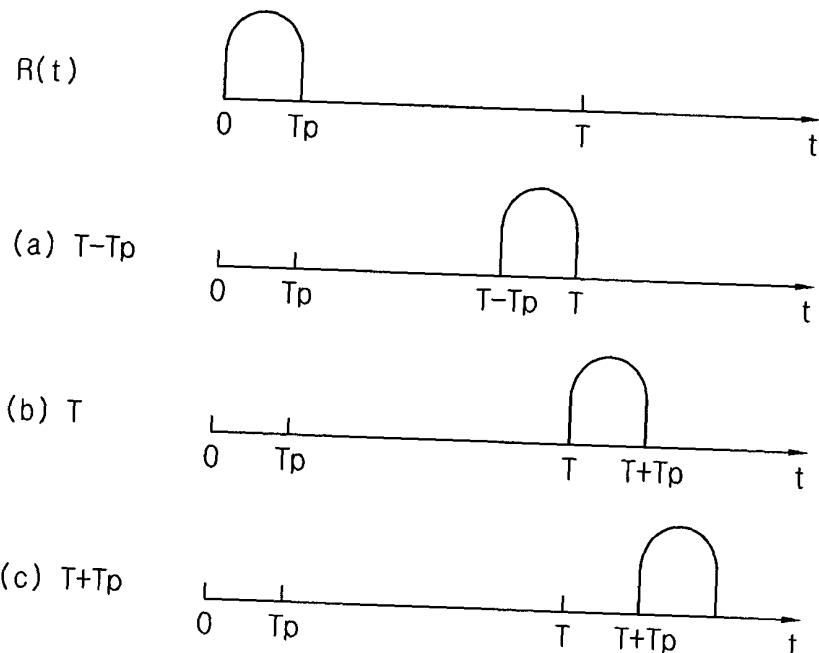


FIG. 14

